

## ACADEMIC YEAR 2024-2025

### FACULTY PARTICIPATION IN NPTEL / MOOC COURSES

| <u>S.No</u> | Faculty Name       | Designation             | Platform | Course Name                                                                  | Duration              | Grade obtained       |
|-------------|--------------------|-------------------------|----------|------------------------------------------------------------------------------|-----------------------|----------------------|
| 1           | Dr.B.Arulmurugan   | AsP                     | NPTEL    | Artificial Intelligence and Machine Learning in Materials Engineering        | July to November 2024 | 60% & Elite          |
| 2           | Dr.B.Arulmurugan   | AsP                     | NPTEL    | Patent Search for Engineers and Lawyers                                      | July to November 2024 | 61% & Elite          |
| 3           | Dr.B.Arulmurugan   | AsP                     | NPTEL    | Entrepreneurship and IP Strategy                                             | July to November 2024 | 79% & Elite+ Silver  |
| 4           | Dr.S.Dharani Kumar | AP                      | NPTEL    | Artificial Intelligence and Machine Learning in Materials Engineering        | July to November 2024 | 63% & Elite          |
| 5           | Mr.S.N.Dinesh      | Assistant Professor     | NITTT    | Communication skills modes and knowledge dissemination                       | Nov 2024 to Feb 2025  | -                    |
| 6           | Dr. S. Gokulkumar  | Assistant Professor III | NPTEL    | Metal Additive Manufacturing                                                 | Jul-Oct 2024          | 79% & Elite + Silver |
| 7           | Dr. S. Gokulkumar  | Assistant Professor III | NPTEL    | Rapid Manufacturing                                                          | Jul-Oct 2024          | 78% & Elite + Silver |
| 8           | Dr.M.Kumar         | AsP                     | NPTEL    | Data-Enabled Tribological Engineering: From Experiments to Predictive Models | Jan-Apr 2025          | Elite                |

|   |            |     |       |                                                                           |               |                |
|---|------------|-----|-------|---------------------------------------------------------------------------|---------------|----------------|
| 9 | Dr.M.Kumar | AsP | NPTEL | Artificial Intelligence and Machine Learning<br>for Materials Engineering | July-oct 2024 | Elite + Silver |
|---|------------|-----|-------|---------------------------------------------------------------------------|---------------|----------------|

## FACULTY PARTICIPATION IN YOUTUBE/ ONLINE COURSES DEVELOPMENT

| S.No | Faculty Name    | Designation         | Platform | Course/ Domain Name          | Date of Creation | Duration   |
|------|-----------------|---------------------|----------|------------------------------|------------------|------------|
| 1    | Mr. P.Arunkumar | Assistant Professor | Youtube  | Design of Mechanical Bracket | 08.02.2025       | 18.04 mins |
| 2    | Mr. P.Arunkumar | Assistant Professor | Youtube  | Design of Mounting Plate     | 08.02.2025       | 09.06 mins |
| 3    | Mr. P.Arunkumar | Assistant Professor | Youtube  | Design of Axial Turbine      | 08.02.2025       | 12.09 mins |

## FACULTY PARTICIPATION IN SHORT TERM TRAINING PROGRAM / FACULTY DEVELOPMENT PROGRAM

| S.No | Faculty Name       | Designation         | Name of the Course                                | STTP /<br>ATAL<br>FDP/FDP | College Name | Start Date | End Date   | Duration |
|------|--------------------|---------------------|---------------------------------------------------|---------------------------|--------------|------------|------------|----------|
| 1    | Dr.M.Makeshkumar   | Associate Professor | Artificial Intelligence and Machine Learning      | FDP                       | KPRIET       | 07.05.2025 | 27.05.2025 | 15 Days  |
| 2    | Dr.S.Dharani Kumar | Assistant Professor | Surface Engineering: Principles, Techniques, and, | FDP                       | IIT Dhanbad  | 22.06.2025 | 27.06.2025 | 7 Days   |

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|----|--------------------|-------------------------|-------------------------------------------------------------------------|-----------|----------------------------------------------|------------|---------------|----------|
| 3  | Dr.S.Dharani Kumar | Assistant Professor     | Teachers for New-Generation Learners with SILT Approach                 | FDP       | KPRIET                                       | 16.04.2025 | 17.04.2025    | 2 Days   |
| 4  | Dr.S.Dharani Kumar | Assistant Professor     | Computational Thinking and Problem Solving                              | FDP       | Amrita Vishwa Vidyapeetham, Coimbatore       | 08.06.2024 | 12.06.2024    | 5 Days   |
| 5  | Mr.S.N.Dinesh      | Assistant Professor     | Education as a process approach                                         | FDP       | IMC Bajaj Ramakrishna Award training program | 10.08.2024 | 12.08.2024    | 3 Days   |
| 6  | Mr.S.N.Dinesh      | Assistant Professor     | Training the Trainers Program - QCFI, KOSO Industries                   | STTP      | Quality Circle Forum of India                | 18.03.2025 | 20.03.2025    | 3 Days   |
| 7  | Dr.Senthil S M     | ASP                     | Contact Mechanics: Understanding interactions at the material interface | GIAN      | IIT Palakkad                                 | 20.01.2025 | 24.01.2025    | 5 days   |
| 8  | Dr.S.Gokulkumar    | Assistant Professor III | 3D Printing and Additive Manufacturing                                  | AICTE QIP | IIT Palakkad                                 | July 2024  | December 2024 | 6 Months |
| 9  | Dr.S.Gokulkumar    | Assistant Professor III | 8-day Face-to-Face UHV-II FDP                                           | AICTE     | AICTE                                        | 23.09.2024 | 30.09.2024    | 8 Days   |
| 10 | Dr.S.Ramesh Babu   | Professor & Head        | 6-Day Faculty Development Program: "Teaching Turbomachinery"            | Self      | KPRIET                                       | 23.07.2024 | 30.07.2024    | 6 Days   |

|    |                    |                     |                                                       |             |              |            |            |   |
|----|--------------------|---------------------|-------------------------------------------------------|-------------|--------------|------------|------------|---|
| 11 | Dr.N.Mathan Kumar  | AsP                 | 3 days FDP for the essential AI tools for researchers | ACT Academy | ACT Academy  | 11.06.24   | 13.06.24   | 3 |
| 12 | Mr. P. Arunkumar   | Assistant Professor | Advanced Communication Skills                         | FDP         | NITTTR       | 12.05.2025 | 16.05.2025 | 5 |
| 13 | Mr. N. Udhayakumar | Assistant Professor | Advanced Communication Skills                         | FDP         | NITTTR       | 12.05.2026 | 16.05.2026 | 5 |
| 14 | Dr.M.Kumar         | AsP                 | GIAN Course on Contact Mechanics                      | FDP         | IIT Palakkad | 20.01.2025 | 24.01.2025 | 5 |

## FACULTY PARTICIPATION IN INTERNSHIP

| S.No | Faculty Name       | Designation         | Name of the Industry          | Start Date | End Date   | Duration | Outcome (Student placement/ project/ internship/ IV) |
|------|--------------------|---------------------|-------------------------------|------------|------------|----------|------------------------------------------------------|
| 1    | Dr.M.Makeshkumar   | Associate Professor | Annamalai's Toyota            | 16.10.24   | 22.10.24   | 6 days   | Internship                                           |
| 2    | Dr.S.Dharani Kumar | AP-III              | Bimetal Bearings Limited      | 15.07.24   | 20.07.24   | 7 days   | Internship                                           |
| 3    | Mr.S.N.Dinesh      | AP-II               | R.S.Gear Products, Coimbatore | 09.07.2024 | 16.07.2024 | 7 days   | Students Industrial Visit                            |
| 4    | Dr.Senthil S M     | ASP                 | Bharath Automation            | 16.12.2024 | 20.12.2024 | 5 days   | Internship                                           |
| 5    | Dr.S.Ramesh Babu   | Professor & Head    | SIPCOT, Perundurai            | 17.07.2024 | 17.07.2024 | 1 day    | Industrial visit                                     |

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| 6  | Dr.S.Ramesh Babu    | Professor & Head    | SEForge                        | 19.07.2024    | 19.07.2024     | 1 day   | Industrial visit    |
| 7  | Dr.N.Mathan Kumar   | ASP                 | Axis Global Automation         | 26.10.24      | 26.10.24       | 1       | Industry visit      |
| 8  | Mr. P. Arunkumar    | Assistant Professor | INDIANMARK                     | 18.12.2024    | 31.12.2024     | 14 Days | Internship          |
| 9  | Mr.N. Udhayakumar   | Assistant Professor | Sree Ambal Autos               | 21.4.2025     | 22.4.2025      | 2       | Internship          |
| 10 | D. Balaji           | AP - III            | Steadfast Ventures, Coimbatore | 1st July 2024 | 18th July 2024 | 14 Days | Internship          |
| 11 | Dr. V. Bhuvaneswari | AP - III            | Steadfast Ventures, Coimbatore | 1st July 2024 | 18th July 2024 | 14 Days | Internship          |
| 12 | Dr.M.Kumar          | AsP                 | IIT Jammu                      | 30.08.2024    | 28.09.2024     | 4 weeks | Research Internship |

## FACULTY PARTICIPATION IN CONFERENCES

| S.No | Faculty Name         | Designation                | Level (National/<br>International) | Name of the Conference                                                                                            | College Name                                       | Start Date | End Date   | Duration |
|------|----------------------|----------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------|------------|----------|
| 1    | Dr. S.<br>Gokulkumar | Assistant<br>Professor III | International                      | ICIEST-2025                                                                                                       | UKF College of<br>Engineering &<br>Technology      | 07.05.2025 | 08.05.2025 | 2 Days   |
| 2    | Dr.N.Mathan<br>Kumar | AsP                        | International                      | 6G Communications and Network<br>technologies                                                                     | Velammal College<br>of Engineering &<br>Technology | 27.03.25   | 28.05.25   | 2 Days   |
| 3    | Dr.M.Kumar           | AsP                        | International                      | International Conference on Recent<br>Trends in Materials Science and<br>Mechanical Engineering - ICRMSME<br>2025 | St. Joseph's<br>Institute of<br>Technology         | 25.04.25   | 26.04.25   | 2 days   |

## FACULTY PARTICIPATION IN SHORT TERM TRAINING PROGRAM / FACULTY DEVELOPMENT PROGRAM

| S.No | Faculty Name         | Designation                | Name of the Course                                                    | Seminar/Workshop | College Name                           | Start Date | End Date   | Duration |
|------|----------------------|----------------------------|-----------------------------------------------------------------------|------------------|----------------------------------------|------------|------------|----------|
| 1    | Dr.B.Arulmurugan     | AsP                        | Leadership workshop IMC<br>Ramkrishna Bajaj National<br>Quality Award | Workshop         | KPRIET                                 | 10.9.2024  | 14.9.2024  | 5 days   |
| 2    | Mr.S.N.Dinesh        | AP- II                     | Quality conclave 2024                                                 | Conclave         | The Coimbatore<br>Productivity Council | 22.11.2024 | 22.11.2024 | 1 day    |
| 3    | Mr.S.N.Dinesh        | AP-II                      | Productivity conclave 2025                                            | Conclave         | The Coimbatore<br>Productivity Council | 20.02.2025 | 20.02.2025 | 1 day    |
| 4    | Mr.S.N.Dinesh        | AP-II                      | Safety conclave 2025                                                  | Conclave         | The Coimbatore<br>Productivity Council | 26.04.2025 | 26.04.2025 | 1 day    |
| 5    | Dr. S. Gokulkumar    | Assistant<br>Professor III | Safety conclave 2025                                                  | Conclave         | The Coimbatore<br>Productivity Council | 26.04.2025 | 26.04.2025 | 1 day    |
| 6    | Dr. S. Gokulkumar    | Assistant<br>Professor III | Quality conclave 2024                                                 | Conclave         | The Coimbatore<br>Productivity Council | 22.11.2024 | 22.11.2024 | 1 day    |
| 7    | Dr. S. Gokulkumar    | Assistant<br>Professor III | Productivity conclave 2025                                            | Conclave         | The Coimbatore<br>Productivity Council | 20.02.2025 | 20.02.2025 | 1 day    |
| 8    | Dr.N.Mathan<br>Kumar | AsP                        | Student Seminar                                                       | Seminar          | RVS School of<br>Engineering           | 17.08.24   | 17.08.24   | 1day     |

## FACULTY as RESOURCE PERSON

| S.No | Faculty Name  | Designation | Name of the College/Industry/Organization                         | Topic                                                                    | Category | Mode (Online/Physical) | Start Date | End Date   | Duration         |
|------|---------------|-------------|-------------------------------------------------------------------|--------------------------------------------------------------------------|----------|------------------------|------------|------------|------------------|
| 1    | Mr. D. Balaji | AP - III    | Coimbatore Institute of technology, Coimbatore                    | Patent and IPR                                                           | Seminar  | Physical               | 2.07.2024  | 2.07.2024  | 1 and half hours |
| 2    | Mr. D. Balaji | AP - III    | IIITDMK, Chennai                                                  | Innovation - A pathway to intellectual property                          | Seminar  | Online                 | 6.07.2024  | 6.07.2024  | 2 hours          |
| 3    | Mr. D. Balaji | AP - III    | PSGR Krishnammal College of Women, Coimbatore                     | Innovation - A pathway to intellectual property                          | Seminar  | Online                 | 1.08.2024  | 1.08.2024  | 1 and half hours |
| 4    | Mr. D. Balaji | AP - III    | Sri Krishna College of Engineering and Technology, Coimbatore     | Mastering IPR: Strategies for effective intellectual property management | Seminar  | Physical               | 23.10.2024 | 23.10.2024 | 7 hours          |
| 5    | Mr. D. Balaji | AP - III    | Ramachandra College of Engineering, Eluru, AP                     | Transforming innovations into patents                                    | Workshop | Physical               | 5.02.2025  | 7.02.2025  | 3 days           |
| 6    | Mr. D. Balaji | AP - III    | Shri Shankarlal Sundarbhai Shasun Jain College for Women, Chennai | Innovation - A pathway to intellectual property                          | Seminar  | Online                 | 5.03.2025  | 5.03.2025  | 2 hours          |

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| 7  | Mr. D. Balaji      | AP - III | Dhirajlal gandhi college of technology, Salem | Protecting IPR and IP management for startups                             | Seminar | Online   | 19.05.2025 | 19.05.2025 | 2 hours          |
| 8  | Mr. D. Balaji      | AP - III | United Institute of Technology, Coimbatore    | From idea to asset: IPR advantage                                         | Seminar | Physical | 23.05.2025 | 23.05.2025 | 1 and half hours |
| 9  | Dr.B.Arulmurugan   | AsP      | NITTTR, Chennai                               | Wire Arc Additive Manufacturing – Challenges & Opportunities              | Seminar | Online   | 8.5.2025   | 8.5.2025   | 2 hours          |
| 10 | Dr.B.Arulmurugan   | AsP      | NITTTR, Chennai                               | Wire Arc Additive Manufacturing and its Applications                      | Seminar | Online   | 24.4.2025  | 24.4.2025  | 3 hours          |
| 11 | Dr.B.Arulmurugan   | AsP      | CIET, Coimbatore                              | The Role of Intellectual Property in Supporting Innovation and Creativity | Seminar | Physical | 21.4.2025  | 21.4.2025  | 1 day            |
| 12 | Dr.B.Arulmurugan   | AsP      | KPRIET                                        | One Day Workshop on Robotic Welding                                       | Seminar | Physical | 15.03.2025 | 15.03.2025 | 1 day            |
| 13 | Dr.B.Arulmurugan   | AsP      | KPRIET                                        | Robotic welding, WAAM, NDT                                                | Seminar | Physical | 12.2.2025  | 27.3.2025  | 30 days          |
| 14 | Dr.S.Dharani Kumar | AP - III | Nandha Engineering College, Erode             | Finite Element Analysis and Its Applications                              | Seminar | Physical | 30.08.2025 | 30.08.2025 | 1 day            |
| 15 | Dr.S.Dharani       | AP - III | KPRIET                                        | Engineering the Future:                                                   | Seminar | Physical | 22.04.2025 | 22.04.2025 | 1 day            |

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|----|--------------------|-------------------------|---------------------------------------------------------------|----------------------------------------------------------------------|----------|----------|------------|------------|---------|
|    | Kumar              |                         |                                                               | Mastering Simulation with ANSYS                                      |          |          |            |            |         |
| 16 | Dr.S.Dharani Kumar | AP - III                | KPRIET                                                        | Introduction to Computational Fluid Dynamics                         | Seminar  | Physical | 07.05.2025 | 07.05.2025 | 1 day   |
| 17 | Mr.S.N.Dinesh      | AP-II                   | Sri Krishna College of Engineering and Technology, Coimbatore | Jury - 3CQC - Coimbatore Chapter convention on Quality Concepts 2024 | Conclave | Physical | 19.10.2024 | 19.10.2024 | 1 day   |
| 18 | Dr.Senthil S M     | ASP                     | Kongunadu College of Engineering and Technology, Trichy       | Welding in Digital Age: Emerging Trends and Advanced Technologies    | FDP      | Online   | 07.04.2025 | 07.04.2025 | 2 hours |
| 19 | Dr. S. Gokulkumar  | Assistant Professor III | Christ the King Engineering College, Coimbatore               | AI assistance in Research Writing                                    | Workshop | Physical | 30.08.2024 | 30.08.2024 | 8 Hours |
| 20 | Dr. S. Gokulkumar  | Assistant Professor III | Acharya college of engineering technology                     | AI Assisted research writing for paper publications                  | Workshop | Online   | 06.07.2024 | 06.07.2024 | 2 Hours |
| 21 | Dr. S. Gokulkumar  | Assistant Professor III | Research Care                                                 | AI assistance in Research Writing                                    | Workshop | Online   | 10.10.2024 | 10.10.2024 | 2 Hours |
| 22 | Dr.N.Mathan Kumar  | ASP                     | RVS School of Engineering & Technology                        | Current Research gaps in Materials science                           | Seminar  | Offline  | 17.08.24   | 17.08.24   | 1Day    |

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| 23 | Dr.M.Kumar | ASP | Manipal GlobalNxt<br>University<br>Malaysia,SEGi<br>University &<br>Colleges, Malaysia,<br>Multimedia University | Conference committee<br>member (Review) | conference | Online | May 2025 | May 2025 | 1Day |
|----|------------|-----|------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------|--------|----------|----------|------|



**HoD/MECH**